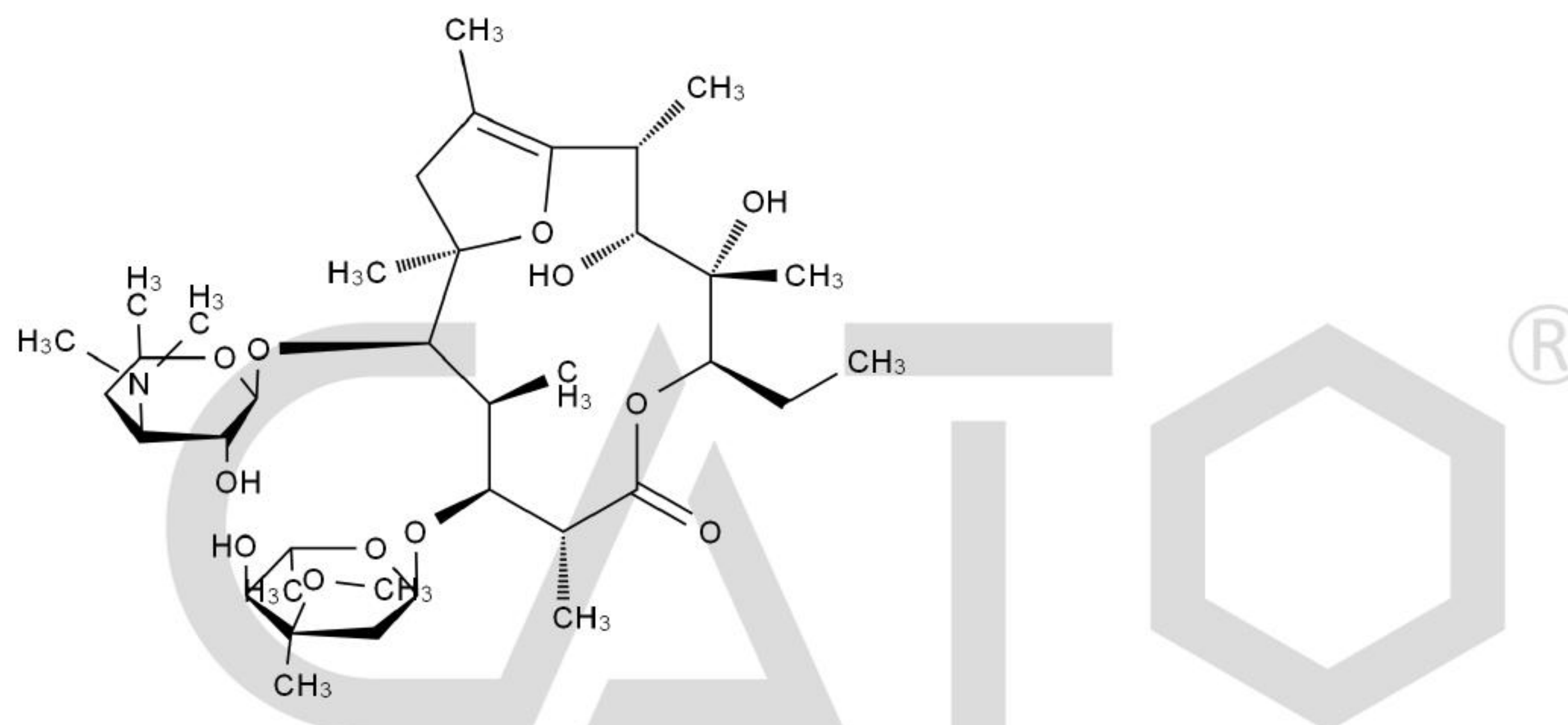


Certificate of Analysis

Reference Material & Standard

Product Name:	Erythromycin EP Impurity E	Catalogue Number:	C4X-10012
Synonyms:	N/A	Lot Number:	0330-RH-0098
CAS Number:	33396-29-1	Expiry Date:	Oct 22, 2029
Molecular Formula:	C ₃₇ H ₆₅ NO ₁₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	715.91	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.793%
Water Content	Karl Fischer	1.42%
Residual Solvents	NMR	Not detected in NMR
Assay		98.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 03, 2026

Date: Aug 03, 2026

Date: Aug 03, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

Page 1 of 7



Official WeChat